

20021005.qrp v02_n700.qrl.20021005

Date: Sat, 5 Oct 2002 19:03:04 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2700

QRP-L Digest 2700

Topics covered in this issue include:

- 1) [137160] Re: This List
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 2) [137161] RE: This List
by Mark Schoonover <schoon@amgt.com>
- 3) [137162] Re: This List
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
- 4) [137163] CQ
by Tom Feeny <tfeeny@comcast.net>
- 5) [137164] Re: FS: 2 NEW built ZM-2's
by Scott Gregson <emtech@steadynet.com>
- 6) [137165] website additions...
by Ed Tanton <n4xy@earthlink.net>
- 7) [137166] Rock-Mite-20 mobile, new sheetmetal job and stuff...(longish)
by "Bill, N4QA" <n4qa@hotmail.com>
- 8) [137167] Crafts Re: [fpqrp] Portable operating and antenna options
by IamSF5@aol.com
- 9) [137168] AA4XX QRPp beacon now QRV
by Paul Stroud <aa4xx@bellsouth.net>
- 10) [137169] Re: Wanted: Sherwood Mods and CW Filter
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 11) [137170] OT: Netscape 7.0 - need an offline contact
by Jim Larsen - AL7FS <jimlarsen2002@alaska.net>
- 12) [137171] Re: Another Reflector for Linux
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 13) [137172] Re: Deja Vu All Over Again?
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 14) [137173] Re: FS: 2 NEW built ZM-2's
by Bob Nielsen <nielsen@oz.net>
- 15) [137174] From ARRL
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 16) [137175] Joy of QRP
by Ken Kirkley <no4d@charter.net>
- 17) [137176] QRP DX
by "Juan Ferrari" <puntrad@usa.net>
- 18) [137177] Re: [Elecraft] Elecraft K2 articles in QEX, CQ; K2/100 review in
Nov. CQ
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>

- 19) [137178] If you had to choose only one band ...
by Don Putnick <dputnick@alumni.caltech.edu>
- 20) [137179] Re: If you had to choose only one band ...
by "Rod N0RC" <rod@n0rc.us>
- 21) [137180] Re: If you had to choose only one band ...
by Ed Tanton <n4xy@earthlink.net>
- 22) [137181] Re: If you had to choose only one band ...
by "Michael Melland" <w9wis@charter.net>
- 23) [137182] Re: If you had to choose only one band ...
by Bruce Muscolino <w6toy@erols.com>
- 24) [137183] Re: If you had to choose only one band ...
by Bill ROWLETT <kc4atu@yahoo.com>
- 25) [137184] Only One Band?
by "Mike Duke, K5XU" <k5xu@netdoor.com>
- 26) [137185] Re: Ground planes
by Dan Tayloe <dtayloe@cox.net>
- 27) [137186] Re: DX-398 on closeout for \$99
by MIKE SOUHRADA <wb9iog@revealed.net>
- 28) [137187] Re: Joy of QRP
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 29) [137188] OT?: Opinion on "Lindows" (longish... but cool)
by "ss lyon" <sslyon@megalink.net>
- 30) [137189] Re: The 30m performance of the G5RV
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 31) [137190] Re: If you had to choose only one band ...
by "Steve Yates - AA5TB" <aa5tb@arrl.net>
- 32) [137191] RE: If you had to choose only one band ...
by "Dave Fifield" <dave@redhotradio.com>
- 33) [137192] RE: Another Reflector for Linux
by Mark Schoonover <schoon@amgt.com>
- 34) [137193] Re: Looking for mobile ops pointers.
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 35) [137194] [Sold] HW-8 and HWA-7-1 Supply
by Chuck Carpenter <w5usj@9plus.net>
- 36) [137195] QRV W5/EA5XQ/QRP
by "Juan A. Bertolin" <ea5xq@qsl.net>
- 37) [137196] Re: If you had to choose only one band ...
by "Jeff Mitchell" <jeffmit@datastratinc.com>
- 38) [137197] FS: Paddle, DSP-9+, ATUs
by "Steve/n0tu" <n0tu@codenet.net>
- 39) [137198] chimney brush rods ... portable antenna ??
by n5ib@juno.com
- 40) [137199] What is this thing, anyway? ROTFL!!
by Lloyd Lachow <llachow@yahoo.com>
- 41) [137200] Re: If you had to choose only one band ...
by "James R. Duffey" <jamesd1@flash.net>
- 42) [137201] Back from the trail..
by Steven Weber <kd1jv@moose.ncia.net>

- 43) [137202] Mini DDS kit
by "Leon Heller" <leon_heller@hotmail.com>
- 44) [137203] Re: If you had to choose only one band ...
by wkhibbert@juno.com
- 45) [137204] UPDATED: the "Rock-Mite" files
by "Rod N0RC" <rod@n0rc.us>
- 46) [137205] FS: PCB Software
by "Howard Kraus" <K2UD@adelphia.net>
- 47) [137206] PSK/digi Soundcard question
by Nils R Young <nilsbull@juno.com>
- 48) [137207] Re: If you had to choose only one band ...
by Fred Lesnick <flesnick@tbaytel.net>
- 49) [137208] Re: What is this thing, anyway? ROTFL!!
by "D LaClair" <nr2v@northnet.org>
- 50) [137209] RE: If you had to choose only one band ...
by Chris Cartwright <ccart@phideaux.com>
- 51) [137210] re: PSK/digi Soundcard question
by "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
- 52) [137211] Re: OT?: Opinion on "Lindows" (longish... but cool)
by fcs@juno.com
- 53) [137212] Re: If you had to choose only one band ...
by "Steve McDonald" <jsm@gulfislands.com>
- 54) [137213] Re: chimney brush rods ... portable antenna ??
by David Hinerman <WD8CIV@worldnet.att.net>
- 55) [137214] Re: What is this thing, anyway? ROTFL!!
by Bruce Muscolino <w6toy@erols.com>
- 56) [137215] Nice RS Meter on Sale
by "Robert Moore" <kv1v@earthlink.net>
- 57) [137216] RE: If you had to choose only one band ...
by Nick Kennedy <nkennedy@tcainternet.com>
- 58) [137217] Re: chimney brush rods ... portable antenna ??
by Bruce Muscolino <w6toy@erols.com>
- 59) [137218] Re: What is this thing, anyway? ROTFL!!
by "DTX" <dtx@wood.tzo.com>
- 60) [137219] Old ARRL Handbook Article Help
by "Ed Kessler" <aa3sj@arrl.net>
- 61) [137220] 1mH SMT Inductor Needed
by "Ed Kessler" <aa3sj@arrl.net>
- 62) [137221] Electronic Data Book - Paul Harden
by "Pederson, Glenn" <gpeder@elnet.com>
- 63) [137222] Re: Firth/Fishpool Simple Test Equipment for the QRPer Book
by William R Colbert <w5xe@juno.com>
- 64) [137223] OT HTX-404 loose Battery pack
by David Shalita <davidr@cnmnetwork.com>
- 65) [137224] ZK2MO QRV on 10 Meters
by Eric NM5M <res19m7g@verizon.net>
- 66) [137225] Re: Electronic Data Book - Paul Harden
by Pete Burbank <plburbank@kih.net>

- 67) [137226] Re: Electronic Data Book - Paul Harden
by "John J. McDonough" <wb8rcr@arrl.net>
- 68) [137227] Source for twin coax?
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 69) [137228] Re: OT HTX-404 loose Battery pack
by "Mike Yetsko" <myetsko@insydesw.com>
- 70) [137229] FS: QRP gear
by Fred Bonavita <k5qlf@yahoo.com>
- 71) [137230] Re: Source for twin coax?
by "W3CDE Jerry L." <w3cde@bellsouth.net>
- 72) [137231] Wanted: KD1JV DDS VFO
by "Alan Fryer" <N3BJ@hotmail.com>
- 73) [137232] A QRPer's Dillema
by Bob Nielsen <nielsen@oz.net>
- 74) [137233] ah done sumthin technical agains
by hamjoel@juno.com
- 75) [137234] NorEaster Kit
by "Lee Mairs" <lmairs@cox.net>
- 76) [137235] Alesis DSP - PCB routed
by "Leon Heller" <leon_heller@hotmail.com>
- 77) [137236] Re: NorEaster Kit
by Ken Kirkley <no4d@charter.net>

Date: Fri, 4 Oct 2002 19:03:26 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: <KD5NWA@mbayona.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137160] Re: This List
Message-ID: <027301c26bfa\$3fc89060\$6501a8c0@cable.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Keep your shirt on -- I'll have an off-topic question soon, although geared to those in California.

Dick K2JQ
----- Original Message -----
From: "KD5NWA" <KD5NWA@mbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, October 04, 2002 6:00 PM
Subject: RE: This List

> No off topic discussions so, the natives are getting restless.

>
> Cecil
> KD5NWA

Date: Fri, 4 Oct 2002 16:07:49 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'k2jq@rcn.com'" <k2jq@rcn.com>,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137161] RE: This List
Message-ID: <BF889CEBEFD2D511B993009027F60ABE2518B2@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

It was 58 degrees at my house this morning...

72

.mark

> -----Original Message-----
> From: Richard Brummer, K2JQ [mailto:k2jq@rcn.com]
> Sent: Friday, October 04, 2002 4:03 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: This List
>
>
> Keep your shirt on -- I'll have an off-topic question soon,
> although geared
> to those in California.
>
> Dick K2JQ
> ----- Original Message -----
> From: "KD5NWA" <KD5NWA@mbayona.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Friday, October 04, 2002 6:00 PM
> Subject: RE: This List
>
>
> > No off topic discussions so, the natives are getting restless.
> >
> > Cecil
> > KD5NWA
>

>
>

Date: Fri, 4 Oct 2002 19:28:54 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: <schoon@amgt.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137162] Re: This List
Message-ID: <028c01c26bfd\$ce4c4cc0\$6501a8c0@cable.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

About the same here, about 50 miles north of NY City.

Good reason to keep your shirt on, I guess.

Dick K2JQ
----- Original Message -----
From: "Mark Schoonover" <schoon@amgt.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, October 04, 2002 7:07 PM
Subject: RE: This List

> It was 58 degrees at my house this morning...
>
> 72
>
> .mark

Date: Fri, 04 Oct 2002 19:45:57 -0400
From: Tom Feeny <tfeeny@comcast.net>
To: *QRP-L <qrp-l@lehigh.edu>
Subject: [137163] CQ
Message-ID: <001501c26c00\$32994320\$865d2044@waldlk01.mi.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

I just got a copy at Borders.

Date: Fri, 04 Oct 2002 16:58:12 -0700
From: Scott Gregson <emtech@steadynet.com>
To: n9puz@arrl.net, qrp-l <qrp-l@lehigh.edu>
Subject: [137164] Re: FS: 2 NEW built ZM-2's
Message-ID: <3D9E2B14.3020605@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Sorry, we are working on a 100 watt version of the ZMatch antenna tuner.

It was more economical for us to order a quantity of the air-variable caps so we offered to sell 6 of the eight we are building in prototyping.

We posted to that effect on both this and the FT817 list when we decided to go ahead with the ZM-100.

There is an image of the pre-prototype prototype here:

<http://emtech.steadynet.com/jpeg/zm-100.jpg>

As you can see it is only a little larger than 2 ZM-2's put side by side would be.

The cups in the background are some code practice oscillator kits we took to the Clark County Amature radio club to build with some prospective Hams. I expected all kids, but we had an adult and it seems like a few other adults were wanting to jump into the fray.

~Scott KC7MAS

Tim, N9PUZ wrote:

> On Fri, 04 Oct 2002 12:53:17 -0700, Scott Gregson wrote:

>

>

>>Also, The 6 ZM-100's are going to ship out later next week to those
>>who bought them. We will have to hold off on the SWR circuit - I

>>

>>~Scott

>

>

> What is a ZM-100? I didn't see it on the web site.
>
> Tim, N9PUZ
> <http://www.qsl.net/n9puz>
>
>
>

Date: Fri, 04 Oct 2002 20:00:25 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [137165] website additions...
Message-ID: <5.1.1.6.2.20021004193909.02b3e5a8@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have made a number of additions to the website... and am trying a slightly different menu... more colorful anyway... I'm especially interested in how you feel about the new menu bars (the 'colorful' ones) vs the old style (the 2 shades of blue ones) which can still be seen at many of the pages where I have not put in the news ones.

There are a bunch of new GDO pictures-as well as new (to me) GDOs listed-the count is now ~48 models from ~34 manufacturers. For example, I have a Leader LDM-811 on the way from France I just completed a trade for. This is a model that was never-as far as I know-sold in the USA. There is an entire Lafayette GDOs page now, with a new photo of their last GDO. Incidentally, for any GDO collectors, I have one of these for sale.

In the Homebrew Topics page, there are some new datasheets, and the dual-8-channel audio controller has one complete channel's input switching in a new drawing. This project-with its own webpage-is available from the button: "2-ch AF Controller". As always, if you find any errors, I would really like to know about them.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Fri, 04 Oct 2002 20:46:58 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [137166] Rock-Mite-20 mobile, new sheetmetal job and stuff...(longish)
Message-ID: <F12jcZDVhqd3jd1k1QI00011500@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From the driveway this evening, here in SW VA, worked Mark, WA2YMX, in Plantation, FL and Jim, N0UR, in Mpls, MN with my RM-20 @ 300 mW to the Hustler...condx pretty good right now. Now running the rig from its very own deep-cycle marine battery so as to eliminate alternator whine and some other stuff...just a tad of ignition noise left...not too bad.

Using Bencher paddles situated between xmsn hump and front of seat with paddles on about a 45 degree angle, positioned for easy operation with hand resting on bench seat. Radio Shack amplified speaker for decent audio. No case for rig...cables running everywhere...the usual. Gonna make a Rock-Mite Q while mobile-in-motion very soon now...Rock-Mites Rule!

So, my employer recently thought it might be nice to bump 50% or so of its employees into new and mysterious jobs throughout the factory...others, not so fortunate, were bumped right out the door...been there, too. Well, there I am running an ancient manual piercing machine (aka punchpress). Learning a little about Z-corners and junk...sometimes, I even get the various holes in the right places.

My 'current' specialty is Bus-bar...the big pieces of plated copper that convey high-voltage(high-current too) throughout the large solid-state power bridges with which I used to be involved in systems test...you know, last week, when I was a test man...

My muscles are really sore right now from all that manual labor (I have been successful, thus far, in keeping important things...fingers etc from between the punches and dies) but its kind of a good feeling, you know? Changing fortunes...wonder what I'll be doing NEXT week...

At least, I was able to check my website from the PC that is tethered to a Warner/Swasey Wiedematic N/C punchpress right behind my workstation...do me a favor, fellas...please don't fire up that monster via the internet while I have my back to the thing...scares me :(

Bill, N4QA
<http://www.qsl.net/n4qa/>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Fri, 4 Oct 2002 20:51:56 EDT
From: IamSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [137167] Crafts Re: [fpqrp] Portable operating and antenna options
Message-ID: <42.2e942f8f.2acf91ac@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

JB Crafts.
I saw your post on Yahoo.com.
There is a way to tune your rig when it's in the Alice pack.
I sell trained Monkeys that are trained to do just that.
\$850.00 for the Monkey and a free bag of bananas
Bob
AF2Q

Date: Fri, 04 Oct 2002 20:57:21 -0400
From: Paul Stroud <aa4xx@bellsouth.net>
To: qrp-1@lehigh.edu
Subject: [137168] AA4XX QRPp beacon now QRV
Message-ID: <3D9E38F1.1ACF0095@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fellow Listeners,

An experimental (attended) QRPp propagation beacon is now running on
10,140,130 hz. The beacon will run thru 11:00 UTC Monday. This beacon
sends both conventional CW and QRSS modes.

Here's what you will be looking for:

- One or more 100mW 15 second dashes, followed by a single 30 sec
attenuated dash. The number of 100mW dashes tells you which level of

attenuation you are looking at. (See below)

- The levels of attenuation are as follows:

6dB Steps	resulting QRSS code			
- 6dB (25mW)	one	15s 100mW dash	+ one 30s	25mW dash
-12dB (6R3mW)	two	15s 100mW dashes	+ one 30s	6,3mW dash
-18dB (1R6mW)	three	15s 100mW dashes	+ one 30s	1,6mW dash
-24dB (400uW)	four	15s 100mW dashes	+ one 30s	400uW dash
-30dB (100uW)	five	15s 100mW dashes	+ one 30s	100uW dash
-36dB (25uW)	six	15s 100mW dashes	+ one 30s	25uW dash

Thus, if you see four 15s dashes but no following 30s dash, you will have verified nil copy at 400uW. You will always know which power level you are monitoring if you use QRSS just by counting the 15s dashes and referring to the table above.

A 24WPM "callsign identifier with power level" is transmitted between the last 100mW reference dash and the 30s attenuated dash.

Freeware DSP programs such as Argo, Spectran, or SpecLab can be used to view the dashes. Or, if you prefer to observe the beacon the old fashion way, human ears make a darn good showing.

For more information on QRSS, including download sites for the above programs, take a look at W0CH's cool website:

www.qsl.net/w0ch/qrss/qrss.htm

During preliminary tests a few days ago, ON5EX copied the beacon at the 400 microwatt level, and ON5SL copied at the 1.6mW level.

All reception reports would be appreciated.

72, Paul AA4XX nr. Raleigh, NC

Date: Fri, 4 Oct 2002 21:09:21 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Alan Fryer <N3BJ@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137169] Re: Wanted: Sherwood Mods and CW Filter
Message-ID: <20021004210822.E91840-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Oct 2002, Alan Fryer wrote:

> Wonder if anyone on the list has Sherwood mods for the Drake R4C receiver or
> the CF-600/6 first IF filter. If you have any mods or filters that are
> surplus to your needs, please let me know.

got to www.zerobeat.net/drakelist/

There's a classified ad system....you can also subscribe to the drakelist
(infor on the site)

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Fri, 04 Oct 2002 17:12:00 -0800
From: Jim Larsen - AL7FS <jimlarsen2002@alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [137170] OT: Netscape 7.0 - need an offline contact
Message-ID: <3D9E3C60.C2636785@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

If anyone has upgraded to Netscape 7.0 will you please email me direct?
I have some simple questions for you concerning your experiences with
it.

Thank you.

73, Jim

--

Jim Larsen, AL7FS
Anchorage, Alaska
<http://www.qsl.net/al7fs/>

Date: Fri, 4 Oct 2002 21:17:20 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Jess Gypin <jessmx5@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137171] Re: Another Reflector for Linux
Message-ID: <20021004211643.I91840-1000000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Oct 2002, Jess Gypin wrote:

> I have been listening to the UNIX vs Windose debate for the last 20 years of
> my career. It is just one of those things to avoid like religion and politics.
> It will never end.

Also PC vs. MAC

Thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and Drake Mail List Pages

Date: Fri, 4 Oct 2002 21:26:41 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: W2AGN <w2agn@w2agn.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137172] Re: Deja Vu All Over Again?
Message-ID: <20021004212552.L91840-1000000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 3 Oct 2002, W2AGN wrote:

> Well, one really nice thing about QRP-L. If you missed an exciting
> thread, as we have just enjoyed, stick around a couple weeks, and it'll
> come back in reruns!
>
> Just got 33 messages from Setpember 24 and 25. Can hardly wait for the
> Linux thread again. Maybe this time I'll tape it.

Hmmm, a whole new thread....the haards of taping QRP messages while removing ear wax.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Fri, 4 Oct 2002 18:46:32 -0700
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137173] Re: FS: 2 NEW built ZM-2's
Message-ID: <20021005014632.GA3098@bob.n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Fri, Oct 04, 2002 at 04:58:12PM -0700, Scott Gregson wrote:

>
> The cups in the background are some code practice oscillator kits we
> took to the Clark County Amature radio club to build with some
> prospective Hams. I expected all kids, but we had an adult and it seems
> like a few other adults were wanting to jump into the fray.

According to the WWA section manager, W7JWJ, the average age of new hams is 57 (which really surprised me).

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

n7xy@n7xy.net

Date: Fri, 4 Oct 2002 22:14:31 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@lehigh.edu>
Subject: [137174] From ARRL
Message-ID: <20021004221127.P92974-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>From ARRL, a new activity that may be of interest to QRP operators testing underground antenna systems:

* Monitors needed to track burrowing owl migration:

Note: no details available as to operating system, computer hardware platform or whether the owls will be operating CW or SSB.

ARRL will be handling QSL Chores. Send QSL to
HOOT
C/O
ARRL

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Fri, 04 Oct 2002 22:30:14 -0400
From: Ken Kirkley <no4d@charter.net>
To: qrp-l@lehigh.edu
Subject: [137175] Joy of QRP
Message-ID: <5.1.1.6.0.20021004222758.00b1a730@mail.charter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Does anyone know if the book The Joy Of QRP is still available? Would like to purchase one. Anyone have a spare one?

Ken/N04D

Date: Sat, 5 Oct 2002 02:38:38 -0400
From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137176] QRP DX
Message-ID: <004501c26c39\$fd29b5a0\$9106410c@puntana.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is to invite you to QSO PY7HQ.
I just finished working him (Carlos). 14.024
This side 4 watts to a Dipole in my living-room.
Got a 339 he is 549 in South Florida.
72
Juan - KG4FSN

Date: Fri, 04 Oct 2002 19:45:15 -0700
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: JimWMiller@aol.com
Cc: elecraft@mailman.qth.net, qrp-l@lehigh.edu,
gqrp@groups1.vip.scd.yahoo.com, kn2x@webtv.net
Subject: [137177] Re: [Elecraft] Elecraft K2 articles in QEX, CQ; K2/100 review in
Nov. CQ
Message-ID: <3D9E523B.185C62D2@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'll ask them to put it on their site and I'll link to it. You will have to
be an ARRL member to read it there though.

I doubt they will release it for non member viewing since it is in the
current QEX issue.

73, Eric WA6HHQ
====

Eric,

Any plans to add the QEX article to the Elecraft web site?

73, Jim WA2UMP

Date: Fri, 04 Oct 2002 19:54:03 -0700
From: Don Putnick <dputnick@alumni.caltech.edu>
To: qrp-l@lehigh.edu
Subject: [137178] If you had to choose only one band ...

Message-ID: <5.1.0.14.0.20021004194944.009ea890@pop3.spa.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

... for QRP, which one would you choose and why?
don p KK6DP

--
Don Putnick
dputnick@alumni.caltech.edu

Date: Fri, 4 Oct 2002 21:05:59 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: <dputnick@alumni.caltech.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137179] Re: If you had to choose only one band ...
Message-ID: <007d01c26c1c\$21f5b4b0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don,

Tough choice between 30 or 20, but I'd go with 30m. CW/Fsk only and power is restricted to 200w. Antenna requirements are modest, and 30m is a pretty good DX band at times. And no competition with "big" contest stations for bandwidth.

73, Rod N0RC

----- Original Message -----
From: "Don Putnick" <dputnick@alumni.caltech.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, October 04, 2002 8:54 PM
Subject: If you had to choose only one band ...

> ... for QRP, which one would you choose and why?
> don p KK6DP

Date: Fri, 04 Oct 2002 23:10:11 -0400
From: Ed Tanton <n4xy@earthlink.net>
To: dputnick@alumni.caltech.edu,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137180] Re: If you had to choose only one band ...
Message-ID: <5.1.1.6.2.20021004230938.02afd048@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

40M... emphatically.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Fri, 4 Oct 2002 22:18:00 -0500
From: "Michael Melland" <w9wis@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137181] Re: If you had to choose only one band ...
Message-ID: <006001c26c1d\$cf28bc80\$3f20be42@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

40 meters for CW

17 meters for SSB (HF Pack Group Freqs)

de Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrparci # 9875 - iparc #252
ars #1075 - <http://webpages.charter.net/w9wis/>

Date: Fri, 04 Oct 2002 23:18:34 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: dputnick@alumni.caltech.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137182] Re: If you had to choose only one band ...
Message-ID: <3D9E5A0A.4104FFF3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

40 meters. Over the last 50 years it has consistently been open day and night. There is lots of DX to be found. It is large enough to handle the traffic, in the USA at least.

73

Date: Fri, 4 Oct 2002 20:19:39 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: rod@n0rc.us, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137183] Re: If you had to choose only one band ...
Message-ID: <20021005031939.70409.qmail@web14201.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well lets see, main bands here are 6,15,17, and 20 meters. Would have to pick 20. Of the four, open to somewhere almost all the time.
Tough call though.

73 Bill kc4atu

Do you Yahoo!?

Faith Hill - Exclusive Performances, Videos & More
<http://faith.yahoo.com>

Date: Fri, 4 Oct 2002 22:34:31 -0500
From: "Mike Duke, K5XU" <k5xu@netdoor.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [137184] Only One Band?
Message-ID: <007801c26c20\$45c3ac40\$468489d0@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I too would lean heavily toward 30 meters if I had to limit myself to one band for qrp cw. While 40 is nice, sometimes it's full of contests, other modes, and just plain old noise.

While 30 meters is often very sparsely populated, it's usually always open to somewhere. Call cq long enough, and someone will answer you.

If I were choosing just one band for ssb at any power level, 40 would probably win out over the others. It's always open to somewhere, but can be a challenge to operate during winter evenings when it really goes long.

Fortunately, I have just moved into a house where I can operate most bands. If all goes well, I should be back on with a TA-33 JR and a Carolina Windom by Thanksgiving!

Mike Duke, K5XU
American Council of Blind Radio Amateurs

Date: Fri, 04 Oct 2002 20:48:18 -0700
From: Dan Tayloe <dtayloe@cox.net>
To: qrp-l@lehigh.edu
Subject: [137185] Re: Ground planes
Message-ID: <3D9E6102.B9A7DF09@cox.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I usually build on both sides of the PC board when I homebrew

something. I do not normally find the side to side grounding to be critical.

However, the primary rule of thumb I use is that power and ground be connected to the PC board closest to the highest current drain area. This is normally the PA in a transceiver design. This minimizes the current flow disruption through other low level circuits on the board.

For most HF projects, such as the typical 40/30/20m QRP project, the distance in wavelengths from one side to the other is really small. If needed, I just solder a couple of wires around the edge of the board at different spots.

Of course, if you only use one side to mount to, the other side does not matter.

- Dan, N7VE

Date: Fri, 04 Oct 2002 22:50:12 -0500
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: kr1st@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137186] Re: DX-398 on closeout for \$99
Message-ID: <3D9E6174.1020502@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Alex wrote:

>> has the DX-398 on closeout now for \$99 (was \$249, then \$149, now \$99).
Very nice radio, I have two. Bought the last one for 2 bucks at a yard
> --Alex (KR1ST)

Tnx Alex

I noted your post and went to R/S today and found one available in the state (Iowa) there were about 8 left.

I had heard this was a pretty good radio, possibly in Popular Communications.

After I bought it. I studied the data closer and it is impressive for the money. There is a good review at Radio Netherlands. You can get there via a search for DX 398, (also known as Sangean ATS 909).

You can get quite a bit more info at the R/S web site under support cat # 220-0228. It's a steal at \$99 looking forward to playing with it. Due in Tuesday.

Now, another post said something about 30 meters QRP- I don't think

it would be all that good primarily because of the broad signal pass band - it's really designed for AM,FM,SSB, but not CW. Possibly an outboard filter would narrow the signal down but it's pretty broad.

Anyway tnx for the heads up.

Mike

Iowa

Date: Fri, 04 Oct 2002 22:55:25 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-l@lehigh.edu
Subject: [137187] Re: Joy of QRP
Message-ID: <BA1TB8V3Z4WTP7D885TJGJH72YXB7.3d9e62ad@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi Ken:

Yes, JOY is still available from Kanga or QRP Books -- probably can order from their

WEB sites w. credit card. Otherwise, you can order direct from me.

72, Ade W0RSP

Date: Sat, 5 Oct 2002 00:01:00 -0400
From: "ss lyon" <sslyon@megalink.net>
To: "chat qrp" <qrp-l@lehigh.edu>
Subject: [137188] OT?: Opinion on "Lindows" (longish... but cool)
Message-ID: <00e901c26c23\$d13100e0\$aac7e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've become paranoid due to current reports of nasty threats to my QRP-RELATED computer. I consulted my (I.T. Director) daughter on the subject of Lindows and other alternatives to Windows, reminding her of what Granny always used to say:

"jus cuz yer paranoid... don't mean they're not tryna getcha!". Here's daughters reply:

.....
Linux/Lindows tend serve the developer community, which leans to 'counter-culture' in the I.T. world. Developers on the whole tend to expound in extremely optimistic tones about WHATEVER environment they work with including Linux/Lindows, which is fine---for THEM. Developers have a much wider 'comfort zone' with technology, -like to 'tinker' with computing environments and have corresponding tolerance for failures in experimentation. Amnesia even. Developers more often than not have difficulty empathizing with the 'average Joe' or having even a basic understanding of their needs.

I might take all kinds of risks with my own standalone PC at home (OK, maybe not my PRIMARY, an OLDER one) but once I have to consider anything other than my own personal environment (other users, other networks, other (software), I have major factors to consider. Who can support me/the operating system? Linux, etc. are 'freeware' which are most often supported in BBS-style asynch communications mode. Not acceptable to those having to run a business. After the underlying operating system, look at commercial software that is certified to run on it. Not many, unfortunately.

While there are certain aspects of the 'Microsoft machine' I don't care for, the company has done it's homework, listens to consumers for the most part and fixes what needs fixing. They have the largest user community of any system in the world and as such are not going to please everyone. My opinion is that Microsoft has done one of a job in developing not only operating system(s) but myriad other software to help homes and businesses run collaboratively and efficiently.

If you've got the time and tolerance to explore new computing worlds, Linux/Lindows could be fun and facinating. If you're not up for experimentation (and attendant risks), I don't recommend either operating system.

.....

It occurs to me that I've barely got time for QRP at all, never mind jukin' software. Thanks, Carol... and Granny, too.

73

AA1MY

Date: Fri, 04 Oct 2002 23:12:16 -0500
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-1@lehigh.edu

Subject: [137189] Re: The 30m performance of the G5RV
Message-ID: <53QNA7VQCDAB7GQPXU2A9WSU0ICHB.3d9e66a0@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi:

The feedpoint impedance of a full-size 102-ft G5RV mounted at 45-ft on 30m produces an SWR of around 11.8:1 on 450-ohm ladder-line. Depending on the length of the feedline, a decent balanced tuner (ZM-2 etc.) has no problem matching the antenna.

The main drawback of using the antenna on 30m is its narrow "squashed 8" broadside radiation pattern. The 3dB beamwidth is only about 45-deg (estimate). However, gain occurs in the main lobe (at 33-deg elevation), but this is under 2dB. That might help a bit when your sig is in the noise. However, this concentration of radiated energy makes it a definitely directional antenna.

I used a G5RV as above for a couple of years, and finally decided to replace it with the broader coverage of two dipoles at around 90-deg to each other. That made a very definite improvement in coverage and brought a bunch of new countries into my main lobes.

The G5RV has a whacky feedpoint everywhere except on 20m.

272, Ade W0RSP.

Date: Fri, 4 Oct 2002 23:16:45 -0500
From: "Steve Yates - AA5TB" <aa5tb@arrl.net>
To: "QRP-L Distribute" <qrp-l@lehigh.edu>
Subject: [137190] Re: If you had to choose only one band ...
Message-ID: <000301c26c26\$057620e0\$3836a6d8@Main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If I had to choose only one band for QRP, I would choose 30m. 30m propagation allows everything from NVIS to long haul DX and is almost always open. 30m lacks the QRM of 40m and the over-powered stations. There are the occasional "spy" transmissions that make things interesting on 30m as well. I would miss the QRP contests however.

Many times I prefer 20m DXing but during the winter nights at sun spot minimum it can become rather lonely there.

73,
Steve Yates - AA5TB

<http://www.qsl.net/aa5tb/>

Date: Fri, 4 Oct 2002 21:15:39 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [137191] RE: If you had to choose only one band ...
Message-ID: <000001c26c25\$dd129ed0\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

10GHz - funner than HF IMO.

72, Dave, AD6A

> ... for QRP, which one would you choose and why?
> don p KK6DP

Date: Fri, 4 Oct 2002 22:26:13 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'baltimoremd@baltimoremd.com'" <baltimoremd@baltimoremd.com>,
 Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137192] RE: Another Reflector for Linux
Message-ID: <BF889CEBEFD2D511B993009027F60ABE2518B3@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Don't forget EBCDIC vs ASCII...

-----Original Message-----

From: Thom LaCosta [mailto:baltimoremd@baltimoremd.com]
Sent: Friday, October 04, 2002 6:17 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Another Reflector for Linux

On Thu, 3 Oct 2002, Jess Gypin wrote:

> I have been listening to the UNIX vs Windose debate for the last 20 years
of
> my career. It is just one of those things to avoid like religion and
politics.
> It will never end.

Also PC vs. MAC

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Sat, 5 Oct 2002 01:45:22 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: "Mullin, Edward J." <mulline@tycoelectronics.com>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [137193] Re: Looking for mobile ops pointers.
Message-ID: <Pine.LNX.4.44.0210050129210.27418-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Screwdriver antenna if you ever plan to change bands.

If not, and you're really serious, try a bugcatcher-style.

I've used hustlers, hamsticks, the Spider antenna, and a Screwdriver, plus
a few others of the Outbacker variety.

And while it's true that I had some success with each of the above, the
Screwdriver won hands down. I had a setup where I had a hustler resonator
on one side of the car and the Screwdriver on the other. Each was mounted
the same way - rails out from the frame of the car, 10' of RG-58, to an
A/B switch.

The Screwdriver, when tuned on 20m, was (no kidding) 15-20 db better than the hustler resonator, which was tuned properly.

I was stunned but the decision was made - and an easy one at that.

Anyway, my advice for making your mobile station the best it can be:

Run power cable straight to the battery.

Plan on needing a noise blanker unless you're really lucky or only plan on operating with the engine OFF.

Ground EVERYTHING together - cable shield to frame, doors to frame, hood & trunk to frame, engine block to frame, battery neg. to frame, exhaust system to frame

Don't discount the use of magnetic suppression ignition wires (they cut my RFI from S9 to S5 without a noise blanker)

Waterproof all outside antenna connections.

All of this sounds like a lot of work (and it is) but if you do it, and do everything you possibly can to make your vehicle into a good ground plane, you will see results (and get lots of comments).

Scott N7JI

On Wed, 2 Oct 2002, Mullin, Edward J. wrote:

> Hello All,
>
> I am going to try to get more operating time by going mobile, since I spend
> more time in the truck than in the shack!!
> I was thinking of using my SW40+ and plugging into my Lighter socket but,
> should I worry about the output of the lighter socket with the engine
> running? I was going to use a standard 12V auto power cord with a line
> fuse. But don't know if that is too noisy with the engine running??(my sons
> gameboy lighter plug has some type of filter or something in it... but he
> watches that much too closely hi hi)
> Second: I need to make/buy a mobile H.F. antenna, and was looking for some
> recommendations from folks with experience
> in New England style winters (cold wet salt ice etc) about which
> models/types will work/survive the environment.
>
>
> 73 de KB1HYS

>
> Ed Mullin
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sat, 05 Oct 2002 04:31:10 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu
Subject: [137194] [Sold] HW-8 and HWA-7-1 Supply
Message-ID: <3.0.2.32.20021005043110.007b3330@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Spoken For -- Thanks All --- Good deal for someone.

Good shape -- works on all bands. With manuals.

\$100 shipped to USPS addresses.

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sat, 05 Oct 2002 04:36:18 -0700
From: "Juan A. Bertolin" <ea5xq@qsl.net>
To: qrp-l@lehigh.edu, GQRP@yahooogroups.com
Subject: [137195] QRV W5/EA5XQ/QRP
Message-ID: <5.1.1.6.0.20021005043405.00bc90c0@mail.nexo.es>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi OM,

On Saturday 5th/10, around 3-5 UTC, I will be QRV in 14060 with my FT817 2W and my MP-1 in a Holiday Inn Hotel San Antonio Texas during my visit to the city.

Hpe cuagn,

73 Juan

```
=====
=====
EA5XQ, QRA:Juan, QTH:Almazora, LOC:IM99XW (now in XE2/EA5XQ LOC: DL95to)
Clubs: URE, G-QRP #9805, QRP-L #1461, EA-QRP #471
MSMessenger: ea5xq_Juan@hotmail.com
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
Web Site: http://www.qsl.net/ea5xq (english version in
http://www.qsl.net/ea5xq/index_eng.html )
=====
=====
```

```
-----

Date: Sat, 5 Oct 2002 09:32:09 -0500
From: "Jeff Mitchell" <jeffmit@datastratinc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137196] Re: If you had to choose only one band ...
Message-ID: <001d01c26c7b$fd22f8e0$6501a8c0@datastratinc.com>
MIME-Version: 1.0
Content-Type: text/plain;
          charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
```

> ... for QRP, which one would you choose and why?

I would have to have 40M CW...MUF very rarely drops to the point that 40 is no good, and antennas are still of a manageable size. Its still within the realm of possibility to get portable antennas high enough to develop a decent pattern. The activity level is there...DX will show up on 40 at some point in the night or in the early morning.

Then there is the equalizer...SKILL....40 is noisy sometimes and people with the 20M mentality of hunting for stations that are 20 over S9 will roll right over good DX on 40. If you listen and tune carefully with a good well filtered receiver you can be the first work a DX station as he goes QRV...there are alot of guys (regardless of their transmit power) that won't find that same station until they've been spotted on a cluster somewhere. Of course after they're spotted there will be guys that will be calling that can't even hear the DX station....but that's a different thread on a different list...Point is...when I'm QRP I like to FIND the DX first ..which I find pretty easy to do on 40 CW...

73 GL & DX
Jeff N4YQ

Date: Sat, 5 Oct 2002 08:03:29 -0600
From: "Steve/n0tu" <n0tu@codenet.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [137197] FS: Paddle, DSP-9+, ATUs
Message-ID: <008101c26c78\$a30f27f0\$6a211d82@agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Brown Brothers model CTL-B
Paddle w/straight key combo
VG cndx (paint chips) \$125

Timewave DSP-9+
Mint w/manual \$100

HB QRP Z-match ATU
w/SWR LED very compact -- \$55 view at:
<http://www.webaccess.net/~S&P/images/zm2so.jpg>

Tks Steve/n0tu

Date: Sat, 05 Oct 2002 10:43:52 EDT
From: n5ib@juno.com
To: qrp-l@lehigh.edu
Subject: [137198] chimney brush rods ... portable antenna ??
Message-ID: <20021005.093948.12327.3.n5ib@juno.com>

While picking up some "get ready for the hurricane" supplies at Lowes this week I noticed these rods used to attach to chimney brushes. I was in a hurry, so only glanced at them briefly - how's that for priorities: category 4 hurricane on the way, we all could die, and I'm checking out QRP antenna possibilities :^))

They appeared to be about 4 ft long, made of a black plastic of perhaps fiberglass material, with metal male and female threaded sections on opposite ends. Selling for about \$4 per section.

Doubtless they'd not be rigid enough past about 12 ft or so without some string guylines.

The thought occurred that you could helically wind #14 wire, and use a different pitch on different sections, even "no pitch" (i.e., just one or two turns) on two or three sections. Connection from section to section ought to be accomplishable via the threaded ends, just need to drill and tap for a lug to connect the wire. Then by mixing and matching pitches, with maybe a telescoping whip on the top, end up with a multiband vertical that would set up easily.

The key issue is probably whether the rod material is lossy for rf - might be some carbon containing composite. Wonder if anyone has tried these gadgets.

72

Jim N5IB

PS: no significant hurricane damage this QTH (Baton Rouge) - top wind gust on my gauge was 45 mph, got about 3 inches of rain, just a few pine boughs down.

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Date: Sat, 5 Oct 2002 05:42:24 -0700 (PDT)

From: Lloyd Lachow <llachow@yahoo.com>

To: QRP-l <qrp-l@lehigh.edu>, "Li'l Piggies" <fpqrp-l@mpna.com>, SOC AList <soc@mailman.qth.net>

Subject: [137199] What is this thing, anyway? ROTFL!!

Message-ID: <20021005124224.76543.qmail@web10007.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=911316193>

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Date: Sat, 05 Oct 2002 08:28:26 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [137200] Re: If you had to choose only one band ...
Message-ID: <B9C4532A.1E35F%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Don - I would chose 30 M if I could only operate one band QRP.

The QRPer is more competitive with other stations on this band. There is a 200 W power limit. So you gain 9 dB on the big boys. There are also not so many big antenna systems on the band so a dipole is competitive. CW and digital modes ae only allowed.

A CQ almost always results in a reply. There is plenty of DX. For backpacking the antenna requirements are modest, and there is always activity on when you want to operate.

The day time absorption is much lower than 40 M, and the QRN is much lower as well. There are no SW broadcast stations or SSB signals to muck things up.

30 M is a retreat from the contests as well.

People's answers will change significantly if you ask this question during a sunspot minimum. - Dr. Megacycle KK6MC/5

--
James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Sat, 05 Oct 2002 09:43:07 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [137201] Back from the trail..
Message-ID: <3.0.6.32.20021005094307.007a0310@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy,

Got back from my "Long Trail" hike in Vermont last night. Managed to cover 80 miles or so in 11 days. Didn't get to use the rig I brought though. Was up at dawn (7 am) and hiked till dark (7 pm) just to cover the 8-9 miles between shelters. Man, that section of trail is a lot harder than I remebered it to be! Between generally getting to camp near or after dark most days, and the camps being nearly full with other hikers every night , trying to deal with setting up and using the rig was just too much trouble. A 2M HT would have been a better choice of rigs to bring, as to get local Wx reports and maybe get rides into town! Oh well, if I ever go on a long hike in the fall again, I'll know not to bring a HF CW rig!

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Sat, 5 Oct 2002 13:29:31 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-1@lehigh.edu>
Subject: [137202] Mini DDS kit
Message-ID: <DAV26Ck8SSuurmMu8y00000b20a@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've just made my first batch of four PCBs for the kits, three were fine, and one wasn't fully etched in one corner. All are quite usable, though. I'll keep the sub-standard one as a demo unit.

The design has changed slightly from the prototype on the web page: it's smaller, and the connectors are oriented the same way, making it look much neater. I've also increased the clearances, to make solder bridges less likely. The PCBs will have the resist stripped and will be coated with a flux spray, to make soldering easy and prevent oxidation.

I'm sorting out the payment details (via PayPal), and should be able to ship them next week. Price is \$55 including airmail postage. I'll put a copy of the draft assembly instructions on the web page:

http://www.geocities.com/leon_heller/minidds.html

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Sat, 5 Oct 2002 09:14:01 -0400
From: wkhibbert@juno.com
To: qrp-l@lehigh.edu
Subject: [137203] Re: If you had to choose only one band ...
Message-ID: <20021005.091401.-393145.1.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Don. Keith here in the Depths of the Great Bergen Swamp

This topic has been raised before, and the majority of responses have picked the 40 Meter band. The reasons usually run like this:

- 1 - Activity worldwide
- 2 - You can find signals (and work them) almost any time of the day
- 3 - The 40 Meter band still has DX even at the bottom of the sunspot cycle
- 4 - QRN from thunderstorms is present in the summer, but not disabling
- 5 - A whole class of "audio" devices work on 40 Meters. You can get a transistor that will give you a QRP-Kilowatt for under \$1
- 6 - A full-sized dipole will fit even on the average urban lot.
- 7 - Feed line losses are small enough to be inconsequential
- 8 - A LOT of QRP gear is available for 40 Meters, kit and assembled
- 9 - A modest mobile antenna will get you on the air while on the road
- 10 - LOTS of support if you want to get on the band, skeds, construction tips, etc...

I agree with the majority. 40 Meters is my favorite overall QRP band. I run all the bands from 80 Meters to 70 cm and then jump to 3 cm and 1.2 cm, but the rig is most often on 40 Meters.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Sat, 5 Oct 2002 08:07:49 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
"cqc-1" <CQCLIST@yahooogroups.com>
Subject: [137204] UPDATED: the "Rock-Mite" files
Message-ID: <003801c26c78\$9767e900\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

New Rock-Pile entries, an operating story, more Rock-Hunters, and a nifty trouble shooting aide from Wayne, NB6M.

This is "update" part 1 of 2, for the weekend. More coming late SUN.

73, Rod N0RC
the "Rock-Mite" files
<http://www.radioactivehams.com/~n0rc/rm/>
<http://www.qsl.net/n0rc/rm/> (mirror)

Date: Sat, 5 Oct 2002 11:25:36 -0400
From: "Howard Kraus" <K2UD@adelphia.net>
To: <qrp-l@lehigh.edu>
Subject: [137205] FS: PCB Software
Message-ID: <009d01c26c83\$74a3c280\$07633018@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Offered for sale is the following PCBoards software for the production of printed circuit boards. Note: this software works in a DOS environment and is contained on 5-1/4" floppy disks. Further note: this is original software, not pirated copies.

PCBoards-the basic layout program which is used to create printed circuit artwork on your computer. Comes with CAMDriver for Gerber and Excellon output. With instruction manual. 2 disks.

PCRoute-easy to use Autorouter for the PCBoards program. With instruction manual. 4 disks.

SuperCAD-schematic capture program. 3 disks.

A single utility disk, don't know what it does, never tried it!

These three programs used together allows you to create PCB artwork automatically from a schematic.

The minimum system requirements for these programs are IBM PC/XT/AT or compatible, 512K RAM, 2 floppy drives OR hard drive and floppy, PC-DOS or MS-DOS V2.11 or later, Color Graphics or Monochrome Video Adapter. Here is the perfect use for that old computer that is sitting in your basement that you can't even give away!

I cannot tell you how well this works, as I've never gone beyond the basic PCBoards disk to play with pad positioning. It would appear that this does NOT support SMT components, but it may be possible to add SMT to its library. I cannot be sure about this though.

In its day, this suite sold for \$350.00. I am making it available for \$60.00 p/p. Most of my work nowadays is Manhattan style construction (or lately, point to point tube work!), so I do not envision a need to create PCB artwork for my home projects. This may however be just the ticket for clubs who might be interested in providing PCB boards for their club projects, or those authors who are designing some of the best QRP work that we've all come to know.

You may remember when this software first came out and lusted after it, but couldn't justify the large price. Well the price is large no more! If there are no offers on this suite, I'll probably dabble with it and provide myself with an excuse to fire up the old AT compatible I have collecting dust!

Thanks all for any consideration.

72

Howard Kraus, K2UD

Date: Sat, 5 Oct 2002 11:29:21 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu

Subject: [137206] PSK/digi Soundcard question
Message-ID: <20021005.112933.-277277.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I've been fighting with this problem for some time and it's only 'cause I've decided to spend more time playin' radio than buildin' 'em that I've finally had a four hour wrestlin' match with it. Basically, my soundcard puts clicks into the PSL/MFSKI audio stream whenever a letter blinks onto the receive part of the screen that echoes what's in the transmit window. And it don't happen on RTTY. But it does happen with every other digital program I've got, including HamScope, MixW2, WinWarbler, Digipan and Stream.

Like it goes "click" C "click" Q "click" d "click" e "click" W "click" W
"click" 8 "click" I "click" J "click" N "click" K

It's not an RF transmit problem 'cause the click happens when the speakers are all I've got plugged into the output side of the sound card. As in, when the soundcard output ain't even hosed up to the radio.

I've look at sample rate settings, acceleration settings, different speakers, everything.

And, interestingly enough, the clickin' stops whenever I pull up the volume control panels. Transmit or receive panels, it makes no difference. And . . . the clickin' also stops after the first line of echoed text has rolled over on the receive/transmitted text window. And even if I type in a couple line feeds before whatever text I send, it still clicks all the way across the screen until the text jumps to the second/next line.

Even when the monitor's unplugged from the computer. Which, by the way is a 500 MHz Pentium II with 68M of RAM. And a 13" monitor.

And . . . even before with my old PII board and a separate sound card I would get this clicking thing going. Only now it's annoying me bigtime.

So, oh great wise ones awash in the positive pressure gradient in an otherwise normal void of QRP space/time, what should I do to remove the clicks? Oh wise ones!

'Cause all I wanted to do was run some PSK on 30m before all the automatic burping starts . . . or until my use of that sacred spectrum hole was challenged by the automatic burping . . .

73

Nils

. . . and yes, I was gonna run about 5W idle tone, so it's still a nominal QRP queskin, I hope . . .

Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
http://w8ijn.tripod.com -- http://members.fortunecity.com/nilsbull
"The island is closer than your memories are." -- Ian G. Bull Young, 15
Feb 2002

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Date: Sat, 05 Oct 2002 11:32:41 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: wkhibbert@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137207] Re: If you had to choose only one band ...
Message-ID: <3D9F0619.75C55046@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

40 or 30 meters would be my choice of bands.....
taking 30 over 40 only because of cw digi modes only.....

Fred
VE3FAL

Date: Sat, 5 Oct 2002 11:35:21 -0400
From: "D LaClair" <nr2v@northnet.org>
To: "low power discussion" <qrp-l@lehigh.edu>
Subject: [137208] Re: What is this thing, anyway? ROTFL!!
Message-ID: <006801c26c84\$d0c74b80\$0101a8c0@launchmodem.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

try 40 wpm wid that baby...!!!!

----- Original Message -----

From: "Lloyd Lachow" <llachow@yahoo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, October 05, 2002 8:42 AM

Subject: What is this thing, anyway? ROTFL!!

> <http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=911316193>

>

>

>

> -----
> Do you Yahoo!?

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> <http://faith.yahoo.com>

>

Date: Sat, 5 Oct 2002 11:51:51 -0400 (EDT)

From: Chris Cartwright <ccart@phideaux.com>

To: Dave Fifield <dave@redhotradio.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [137209] RE: If you had to choose only one band ...

Message-ID: <Pine.LNX.4.33.0210051148070.26974-1000000@dns.phideaux.com.>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 4 Oct 2002, Dave Fifield wrote:

> 10GHz - funner than HF IMO.

Dave,

You doing anything with 10G? I'm in the process of putting up several large dishes for 2.4 thru 24G and putting transverters and such together. Still do HF, but after grabbing telemetry off A0-40, I think I'm hooked

on the GHz thing. I'm almost done with the 8' dish with AZ/EL tracking,
the EL part is done, just have to get my AZ going :) Just wondering.

72

```
-- Chris Cartwright,   Unix Administrator |      ccart@phideaux.com      --
-- N3XRV      ARRL-VE   Norcal Zombie #163 |   Oxford, PA 19363 FM29as   --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --
```

Date: Sat, 5 Oct 2002 15:59:11 +0000 (GMT)
From: "Adam Vazquez Kb2Jpd" <adamvaz@palm.net>
To: <nilsbull@juno.com>, <qrp-l@lehigh.edu>
Subject: [137210] re: PSK/digi Soundcard question
Message-ID: <20021005155911.B3D9E4503@mo120uhou.palm.net>
Mime-Version: 1.0
Content-Type: text/plain ; boundary="-----_Part_58004_7145610.1033833551741"

Hello de Adam kb2jpd

The soundcard probably needs replacing. Most don't act like that unless there are problems with the audio output stages or poorly written driver software. Buy a cheap Soundblaster(Pci 256) and try it.

Most modern machines will allow two soundcards installed. You might run out of IRQs first (you need 3 interrupt, two DMA channels each). Reset your PCI Steering first and then your Pci bios settings.

Adam Vazquez Kb2Jpd
FDNY EMS Command

Internet handheld mobile
This email was sent from either Palm(TM) i705 or Sharp Zaurus handheld.

Nils R Young <nilsbull@juno.com> wrote:

>Gang,
>
>I've been fighting with this problem for some time and it's only 'cause
>I've decided to spend more time playin' radio than buildin' 'em that I've

>finally had a four hour wrestlin' match with it. Basically, my soundcard
>puts clicks into the PSL/MFSKI audio stream whenever a letter blinks onto
>the receive part of the screen that echoes what's in the transmit window.
>And it don't happen on RTTY. But it does happen with every other digital
>program I've got, including HamScope, MixW2, WinWarbler, Digipan and
>Stream.
>
>Like it goes "click" C "click" Q "click" d "click" e "click" W "click" W
>"click" 8 "click" I "click" J "click" N "click" K
>
>It's not an RF transmit problem 'cause the click happens when the
>speakers are all I've got plugged into the output side of the sound card.
>As in, when the soundcard output ain't even hosed up to the radio.
>
>I've look at sample rate settings, acceleration settings, different
>speakers, everything.
>
>And, interestingly enough, the clickin' stops whenever I pull up the
>volume control panels. Transmit or receive panels, it makes no
>difference. And . . . the clickin' also stops after the first line of
>echoed text has rolled over on the receive/transmitted text window. And
>even if I type in a couple line feeds before whatever text I send, it
>still clicks all the way across the screen until the text jumps to the
>second/next line.
>
>Even when the monitor's unplugged from the computer. Which, by the way is
>a 500 MHz Pentium II with 68M of RAM. And a 13" monitor.
>
>And . . . even before with my old PII board and a separate sound card I
>would get this clicking thing going. Only now it's annoying me bigtime.
>
>So, oh great wise ones awash in the positive pressure gradient in an
>otherwise normal void of QRP space/time, what should I do to remove the
>clicks? Oh wise ones!
>
>'Cause all I wanted to do was run some PSK on 30m before all the
>automatic burping starts . . . or until my use of that sacred spectrum
>hole was challenged by the automatic burping . . .
>
>73
>
>Nils
> . . . and yes, I was gonna run about 5W idle tone, so it's still a
>nominal QRP queskin, I hope . . .
>-----
>Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
> <http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>
>"The island is closer than your memories are." -- Ian G. Bull Young, 15

>Feb 2002

>

>

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Date: Sat, 5 Oct 2002 12:18:11 -0400

From: fcsww@juno.com

To: qrp-l@lehigh.edu

Subject: [137211] Re: OT?: Opinion on "Lindows" (longish... but cool)

Message-ID: <20021005.121813.-3641993.3.fcsww@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thanks Seab!

We needed that.

Dick, W2SCF

Date: Sat, 5 Oct 2002 09:32:27 -0700

From: "Steve McDonald" <jsm@gulfislands.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [137212] Re: If you had to choose only one band ...

Message-ID: <000701c26c8c\$cca6cd20\$4b11f4cc@jms>

MIME-Version: 1.0

Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> > ... for QRP, which one would you choose and why?

40m...no question! Mainly due to the huge numbers of ears that are always tuned to 7040 plus the fact that the band is always (well almost always!) open to somewhere. Even mid-day prop is great for 40m QRP work.

Steve / VE7SL

** Visit the "VE7SL RADIO NOTEBOOK" at <http://www.imagenisp.ca/jsm>

Date: Sat, 05 Oct 2002 12:32:00 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [137213] Re: chimney brush rods ... portable antenna ??
Message-ID: <5.1.1.6.1.20021005122924.00b196d8@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:43 AM 10/5/2002 -0400, you wrote:

>While picking up some "get ready for the hurricane" supplies at Lowes
>this week I noticed these rods used to attach to chimney brushes. I was
>in a hurry, so only glanced at them briefly - how's that for priorities:
>category 4 hurricane on the way, we all could die, and I'm checking out
>QRP antenna possibilities :^))

>

>They appeared to be about 4 ft long, made of a black plastic of perhaps
>fiberglas material, with metal male and female threaded sections on
>opposite ends. Selling for about \$4 per section.

I've wondered about those myself. My local home modification (I hesitate to use the term "improvement") has them for \$8. The box they're in claims they're fiberglass. I haven't tried linking them together to see how flexible they are, but they seem sturdy enough in 4' lengths. They're pretty heavy, though. Probably not something you'd want to pack into the Rockies.

Dave

"An optimist says the glass is half full. A pessimist says the glass is half empty. An engineer says you could have used a smaller glass."

Dave Hinerman
WD8CIV@att.net

Date: Sat, 05 Oct 2002 12:40:24 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: llachow@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [137214] Re: What is this thing, anyway? ROTFL!!
Message-ID: <3D9F15F8.590A315B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is an old antique bug. It appears to be in very poor condition.
Lots of clean up required, and some parts replaced.

73

Date: Sat, 5 Oct 2002 12:49:36 -0400
From: "Robert Moore" <kv1v@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [137215] Nice RS Meter on Sale
Message-ID: <410-22002106516493680@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Check out the on-sale autoranging DVM from Radio Shack (22-812) for \$50. It can connect to PC serial port (cable and software CD supplied) and it measures capacitance, frequency (to 5MHz), transistor hfe, and the usual stuff -- with 4-digit readout.

I bought one but haven't thoroughly tested it yet. Appears to be rugged but a bit large. I'd recommend this as a good instrument for the basic bench.

[No, I'm not affiliated with RS and won't sell you any cell phone, satellite dish, or batteries.]

73

--- Bob Moore
--- kv1v@earthlink.net

Date: Sat, 5 Oct 2002 11:56:12 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137216] RE: If you had to choose only one band ...
Message-ID: <01C26C66.343D6CE0.nkennedy@tcainternet.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hard question because it makes me admit that my favorite band is the one I love to hate, 40 meters.

Way too much QRN, but not as much as 80.

Good for close in QSOs, but not as good as 80.

Good for far out (Far Out!) QSOs, but not as good as 20.

Plenty of QRM, but that's better than no signals at all.

Good for DX, sort of, but from the center of the USA you're not going to work much Eu or Asia unless you're pretty dedicated.

Requires a big antenna, but not huge.

You can work contests there when you're interested, and get clobbered by them when you're not.

It's the Vegematic of ham bands--does a dozen things, but it's not optimum for any of them.

72 & CU on 40?

Nick, WA5BDU

Date: Sat, 05 Oct 2002 12:58:49 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: n5ib@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [137217] Re: chimney brush rods ... portable antenna ??
Message-ID: <3D9F1A49.9C6B6780@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The local Home Depot here sells painter's poles of somewhat the same design. They are collapsible plastic poles that will extend up to about 12 feet. They seem to be made of white PVC material.

Using any of these as a form for a helically wound antenna has two problems. First, whether or not the poles are lossy, and second the amount of fiddling you will have to do to make them into a helical antenna!

Loss you can probably only tell by building the antenna! You can test small pieces of the material in a microwave, but that is hard to do with a 4 foot pole!

Helical antennas are more than simply wire wound on a form! You will have to make some arrangements to secure the wire and connect it to your rig, If you make it in sections, you will have the further problem of how to join the sections.

And then there is the matter of how much compression you can use in the antenna. Just because you wind the wire into a helix, practical experience has shown there are limits for best performance. I have built successful helically wound dipoles at 40 meters and 20 meters. They were about 7 meters and 3 meters end to end respectively. The sizes were chosen by external factors but I found the antennas displayed reasonable bandwidth. Much shorter and I think they would get to be too sharp!

Really it is a fruitful area for experimentation. I would not take any other designer's antenna as gospel (even mine). Use the recommendation as a guide! And, be prepared to hear lots of laughter from your significant other while you are building your dream!

73

Date: Sat, 5 Oct 2002 09:58:01 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-1@lehigh.edu>
Subject: [137218] Re: What is this thing, anyway? ROTFL!!
Message-ID: <01fb01c26c90\$5d546e60\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, October 05, 2002 9:40 AM
Subject: Re: What is this thing, anyway? ROTFL!!

> It is an old antique bug. It appears to be in very poor condition.
> Lots of clean up required, and some parts replaced.
>
> 73

I was just off looking at the picture as Bruce made his comments. He is right, of course, and in about 1963 or so I had one that looked exactly like that picture. Without all the dirt and broken paddle. If I remember correctly, it was NOT a Vibroplex but a clone with a close name, like Vibrolex or Vibroplux???

And despite an opinion expressed earlier, I could do 25wpm with it set up properly. And was told I had a reasonable fist. "For a youngster just getting started, that is" spoken with a sideways smile by the Elmer who gave me my novice test in 1962. Fond memories, yes. Worth \$22, I don't think so.

Gary WA6DTX

Date: Sat, 5 Oct 2002 13:52:08 -0400
From: "Ed Kessler" <aa3sj@arrl.net>
To: qrp-l@lehigh.edu
Subject: [137219] Old ARRL Handbook Article Help
Message-ID: <3D9EEE88.25576.4ABAE1D@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Good Afternoon,

I am looking for the issue of the Handbook which included an article on a station monitor scope.

I recently bought a homebrew scope based on that article and would like to find information on it.

Any help would be appreciated (i.e., year of the handbook and page references, or a photocopy).

Tnx, 73,
Ed AA3SJ

Date: Sat, 5 Oct 2002 13:54:19 -0400
From: "Ed Kessler" <aa3sj@arrl.net>
To: qrp-l@lehigh.edu
Subject: [137220] 1mH SMT Inductor Needed
Message-ID: <3D9EEF0B.22248.4ADB02E@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Good Afternoon,

I need a 1mH SMT inductor for a project that I'm working on and it is a bit impractical to order just ten from Mouser or DigiKey.

If anybody has a supply of 1mH SMTs and would like to sell five or ten, I'd be happy to buy a few.

Tnx, 73,
Ed AA3SJ

Date: Sat, 05 Oct 2002 13:49:59 -0500
From: "Pederson, Glenn" <gpeder@elnet.com>
To: qrp-l@lehigh.edu
Subject: [137221] Electronic Data Book - Paul Harden
Message-ID: <3D9EEE07.19630.DF0967C@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Anybody know how I might obtain a copy of Paul Harden's book, "The Electronic Data Book for Homebrewers and QRPers?" Is it still in print? I have e-mailed Paul many times with no response.

73,

Glenn Pederson, WB9QIQ
gpeder@elnet.com

Date: Sat, 5 Oct 2002 13:04:06 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu, gqrp@yahoogroups.com, ki6ds@dph.dpol.net
Subject: [137222] Re: Firth/Fishpool Simple Test Equipment for the QRPer Book
Message-ID: <20021005.130408.-344583.5.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just received my book "Simple Test Equipment for the QRPer,
and must say what a neat little book it is. Thank you Tony G4WIF
and Graham G3MFJ for compiling and making it available. Thank you
Doug KI6DS for encouraging Tony and Graham to undertake the
project and for your efforts to see we in the community here
get a copy.

73 all

Ray

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M

SOC#78 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Sat, 05 Oct 2002 12:25:03 -0700
From: David Shalita <davidr@cnmnetwork.com>
To: "qrp-1 \\"Low Power Amateur Radio Discussion\\"<qrp-1@lehigh.edu>
Subject: [137223] OT HTX-404 loose Battery pack
Message-ID: <3D9F3C8F.FE290825@cnmnetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My appologies for an Off Topic request for help.

My RS HTX-404 HT is not well.

A genuine replacement from RS battery pack [BP] is SUDDENLY fitting
loose and causes HT to beep in certain positions, acts like power is
intermittent. Nothing visual looks bad. Original BP fits fine and never
acts like power is intermittent. Any known fixes?

Power output has decreased a lot with 7.2v BP.

Please respond to me directly to conserve Bandwidth.
Thank you, 73, W6MIK, Dave

Date: Sat, 5 Oct 2002 14:27:40 -0500
From: Eric NM5M <res19m7g@verizon.net>
To: <qrp-1@lehigh.edu>
Subject: [137224] ZK2MO QRV on 10 Meters
Message-ID: <20021005192740.JWPB310.out006.verizon.net@[127.0.0.1]>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Just worked ZK2MO on 28.008.2 at 1918 UTC

Signal strength is about S5, worked with 4 watts and my stealth wire.

His QSL manager is OM2SA

NM5M,
Eric
Dallas Texas

Date: Sat, 05 Oct 2002 15:36:08 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [137225] Re: Electronic Data Book - Paul Harden
Message-ID: <5.0.2.1.0.20021005153340.00a0c710@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:49 PM 10/5/2002, Pederson, Glenn wrote:

>Anybody know how I might obtain a copy of Paul Harden's book, "The
>Electronic Data Book for Homebrewers and QRPers?" Is it still in
>print? I have e-mailed Paul many times with no response.

>

>73,

>

>Glenn Pederson, WB9QIQ
>gpeder@elnet.com

Kanga US carries it
Tel 419-423-4604
Pete NV4V

Date: Sat, 5 Oct 2002 15:40:47 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <gpeder@elnet.com>
Subject: [137226] Re: Electronic Data Book - Paul Harden
Message-ID: <008b01c26ca7\$1c4c5ce0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

http://www.bright.net/~kanga/kanga/books_and_misc.htm

<http://www.qsl.net/k8zt/qrp-com.html>

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "Pederson, Glenn" <gpeder@elnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, October 05, 2002 2:49 PM
Subject: Electronic Data Book - Paul Harden

> Anybody know how I might obtain a copy of Paul Harden's book, "The
> Electronic Data Book for Homebrewers and QRPers?" Is it still in
> print? I have e-mailed Paul many times with no response.
>
> 73,
>
> Glenn Pederson, WB9QIQ
> gpeder@elnet.com
>

Date: Sat, 5 Oct 2002 14:38:38 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [137227] Source for twin coax?
Message-ID: <4120021065193838337@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Looking for "twin coax", which I plan to use in place of window line.
Someone somewhere sometime mentioned this as a good replacement for the
more fragile window line.

Anyway, can anyone point me to a source? Radio Shack used to sell it, but
apparently no longer. I browsed The Wireman and there is no mention. Help?

73,
--Doc/K0EVZ

Date: Sat, 5 Oct 2002 16:03:16 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <davidr@cnmnetwork.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [137228] Re: OT HTX-404 loose Battery pack
Message-ID: <004d01c26caa\$46bb10e0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "David Shalita" <davidr@cnmnetwork.com>

> My RS HTX-404 HT is not well.
>
> Thank you, 73, W6MIK, Dave

Well, assuming it's not something IN the pack... (The are some fine

wires in there. You might want to check them out.) A solid connection depends on the SIDES of the pack (the metal top plate where it folds back on itself) PULLing while the center pin PUSHes. Is the pack 'physically' loose? Can you wobble it?

Since it's just one pack, it's probably on the pack. But it COULD be on the radio. The bottom of those radios has a metal 'crescent' to make the (+) connection. It could be loose in back, and one pack pressing and holding the crescent into a position where it's not a problem and the other pack NOT pressing hard enough. Or too hard.

You can check out the bottom of the HTX easy enough. A few screws and the whole bottom plate comes off. Just make sure not to loose the battery retention catch on the side! With the bottom plate removed, that can fall out. Then you can remove the 'crescent' and check the (+) wiring. Just to make sure the radio isn't the issue.

Mike

Date: Sat, 5 Oct 2002 13:12:39 -0700 (PDT)
From: Fred Bonavita <k5qlf@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [137229] FS: QRP gear
Message-ID: <20021005201239.71826.qmail@web21409.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The shack-cleaning epidemic has reached here, too:

- 1) Ten-Tec Argosy I. This classic is in very good condition. It was tweaked and peaked, including rebuilding the PTO and replacing the dial cord, at the Mother Ship a year ago. Includes 8-pole 1.8 kHz ssb crystal filter, 8-pole 500 Hz CW crystal filter, AF filter, noise blanker, crystal calibrator, built-in TiCK keyer, microphone, manuals. Electrically, it's a 9+; cosmetically, 8.5, owing to minor scratches on top rear. \$450, shipped and insured to lower 48.
- 2) SW-40+ transceiver for 40m, up to 3.5W out, very stable. Package includes factory case with RIT and FreqMite built in, a Ten-Tec 1553 keyer (you provide the paddle) in

separate box, and all manuals. \$100, shipped and insured.

Respond directly to k5qlf@yahoo.com or call 210-828-1368
before 0200Z daily.
Fred, K5QLF, San Antonio..

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<http://faith.yahoo.com>

Date: Sat, 05 Oct 2002 16:16:27 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: dock0evz@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [137230] Re: Source for twin coax?
Message-ID: <3D9F489B.D7258476@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doc,

If you are looking for the old "IBM Twinax" look in any
computer supply catalog. I think it is 90 or 135 ohm Z.

Jerry
W3CDE

Doc K0EVZ wrote:

>
> Gang:
>
> Looking for "twin coax", which I plan to use in place of window line.
> Someone somewhere sometime mentioned this as a good replacement for the
> more fragile window line.
>
> Anyway, can anyone point me to a source? Radio Shack used to sell it, but
> apparently no longer. I browsed The Wireman and there is no mention. Help?
>
> 73,
> --Doc/K0EVZ

Date: Sat, 5 Oct 2002 17:02:35 -0400
From: "Alan Fryer" <N3BJ@hotmail.com>
To: <qrp-1@lehigh.edu>
Subject: [137231] Wanted: KD1JV DDS VFO
Message-ID: <0E28BaYFkuutSgc0rBL00000b12@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking around for an unbuilt or completed DDS VFO. Had Steve's VFO, but let it get away from me and regret it ! If anyone has one that is surplus and unneeded, please let me know.

Alan, N3BJ
Bent Mountain, VA

Date: Sat, 5 Oct 2002 14:14:33 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-1@lehigh.edu
Subject: [137232] A QRP'er's Dillema
Message-ID: <20021005211433.GA7007@bob.n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Rock-mite 40 kit arrived in yesterday's mail (finally after nearly two months!)

K2 kit arrived today (I only waited two days, so the anticipation factor didn't have time to really develop.)

Where do I start?

I think I'll get the workbench cleared off and take a quick look at the K2 then get to work on the rock-mite, which is by far the shorter-term project of the two.

With conditions the way they are, building is much more fun than operating, anyway.

72/73,

Bob N7XY
Bainbridge Island, WA

Date: Sat, 5 Oct 2002 17:22:31 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu, fpqrp-1@mpna.com
Subject: [137233] ah done sumthin technical agains
Message-ID: <20021005.172232.-210389.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y'all

special howdy to WA4AOS Glenn in sc... u got the right stuffs sun...
anyhow as ah was saying....

ah tooks my corsair down and put in my k2 then ah gots an idea... so ah
gots me two double poles and double throw switches and glued them
together.... then used it as a single 3 pole double thrown switch.....

what ah done was switch the mikey phone circuit back and forth to the k2
and the (once again installed) Corsair... then ah gots me another switch
and used it to switch the antenna from one to the other.... I was scared
to use the fourth pole on my modified 3pole switch bacause of rf and
audio maybe not getting along just right....

anyhows ah can tune the radios to different freqs and just throw the ant
switch up or down and I also wired a couple transformers 1 to 1 in the
audio circuit (audio out) soes the two audios would not interact with
each and the other...

glued them two xxformers together also..... and hooked one to the left
and one to the right stereo input on the sound card....

course ah stayed up till 3am on the project and had to come back the
next morning and rewire a bit and un-cold some solder connections....
still for a midnite project this is to be expected....boy, I tell you, a
dirty soldering iron sure makes cold solder joints easily....

For them what might be wondering, ah is connecting my computer to the
mic input on both sets and gots no problems with the digital modes..
sstv, psk31, rtty, drives folks nuts on sstv though.... dey never kneaux
what pwr level ah be ats... and with the new improved reception of the
mmsstv... ah keeps em guessing....

U kneaux iffin u guys wants a morning or evening sstv get together on
whatever band lets me kneaux and i'll try to facilitate such a thing.....
40 mtrs on 7.228 ten am eastern till aobut 1pm eastern avery day ... gots
sstv going... U k2 guys/ gals should have no problem as you can sneak up
to about 8 whats on sstv... works like a champ...

course u may gots to dig up ur 40 mtr dipole and puts it up in the air
to got u-self to be seen on sstv... however that an't no problem...
sometimes...

C ya.... bye now... y'all be pretty

ke1la joel
in maine
watching the leaves, leave.... :-)

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Date: Sat, 5 Oct 2002 17:57:28 -0400
From: "Lee Mairs" <lairs@cox.net>
To: "qrp1" <qrp-1@lehigh.edu>
Subject: [137234] NorEaster Kit
Message-ID: <008301c26cba\$369f94a0\$3b6d020a@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've posted two messages and sent Doug a direct message asking for info on where I could buy a NorEaster kit. Nobody bothered to take the time to answer me.

Good thing. Mine came in the mail yesterday....

Will a memory keyer help with this problem???
73 de Lee
KM4YY

Date: Sat, 5 Oct 2002 22:28:33 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-1@lehigh.edu>
Subject: [137235] Alesis DSP - PCB routed
Message-ID: <DAV35zGZuNY1SWoBDys0000b37c@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've finished routing (manually, of course) the PCB for the prototype Alesis DSP system. It was a lot harder than I expected (mainly because of all the analogue circuitry), and will be the most complex PCB I've ever made at home. An image of the PCB taken from my CAD system is here:

http://www.geocities.com/leon_heller/dsp.html

I'll be making one tomorrow.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Sat, 05 Oct 2002 18:39:33 -0400
From: Ken Kirkley <no4d@charter.net>
To: lmairs@cox.net
Cc: qrp-l@lehigh.edu
Subject: [137236] Re: NorEaster Kit
Message-ID: <5.1.1.6.0.20021005183748.00bcae78@mail.charter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

hihihi....Lee, you just made my day! Here I thought I was the only one with such problems. Just think, if Doug had of answered you could have two of them instead of one. Let me know if the memory keyer works...

73 & God Bless,
Ken/N04D

At 05:57 PM 10/5/2002 -0400, you wrote:

>I've posted two messages and sent Doug a direct message asking for info on
>where I could buy a NorEaster kit. Nobody bothered to take the time to
>answer me.

>

>Good thing. Mine came in the mail yesterday....

>

>Will a memory keyer help with this problem???

>73 de Lee

>KM4YY

End of QRP-L Digest 2700
